CENTRAL FAX CENTER

MAR 1 0 2005

Linder the Par	nament Paduation Art of 1995	oo bersons	U.S	Patent and T	rademark	Office: L	PTO/SB/21 (09-04) through 07/31/2006. OMB 0551-0031 I.S. DEPARTMENT OF COMMERCE displays a valid OMB control number.	
Under the Par	Elykak Reddellon Act of 1999	TIO DELEGAL	Application Number	10/628,84				
TR	ANSMITTAL		Filing Date	July 28. 20	003			
FORM			First Named Inventor	Brett P. Mr	Brett P. Monia			
			Art Unit	1635			· · · · · · · · · · · · · · · · · · ·	
		EU1	Examiner Name	Jon Benjar	min Asher			
(to be used for all correspondence after initial filing) Total Number of Pages in This Submission 5			Attorney Docket Number RTS-0191US.C1					
ENCLOSURES (Check all that apply)								
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s)			Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence			Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter		
Express / Information Certified Document Reply to Incomple	Missing Parts/ te Application eply to Missing Parts nder 37 CFR 1.52 or 1.53	Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CD Remarks			Other Endosure(s) (please Identify below):			
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT								
Firm Name	Isis Pharmaceuticals, Inc.							
Signature	nature Cluulc.							
Printed name Colleen J. McKlernan, PhD								
Date	March 10, 2005			Reg. No.	Reg. No. 48,570			
CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:								
Signature AMA MUMA								
Typed or printed	name (amic L) Toupal	\ V	1			Date	March 10, 2005	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ISIS-PHARMACEUTICALS RECEIVED **CENTRAL FAX CENTER**

MAR 1 0 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.:

ISPH-0753 (ISIS No RTS-0191US.C1)

Inventors:

Brett P. Monia, et al.

Serial No .:-

10/628,841

Filing Date.

July 28, 2003

Examiner:

Jon Benjamin Ashen

Customer No.:

32,862

Group Art Unit:

1635

Title:

Antisense modulation of Inhibitor-Kappa B Kinase-

Gamma expression

Certificate of Facsimile Transmission I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office to facsimile number 703-872-9306 on :

March 10, 2005

VA 22313

Reply under 37 C.F.R. § 1.111

Dear Examiner Ashen:

This is a reply to the Office Action mailed February 10, 2005 setting a one (1) month period for response. Please enter the following amendments and remarks into the record.

The Amendments to the Claims are reflected in the listing of claims which begins on page 2.

Remarks begin on page 4.